



Attorney's Docket No.: 07039-247001

1645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mark Espy et al.  
Serial No. : 09/945,203  
Filed : August 31, 2001  
Title : DETECTION OF VARICELLA-ZOSTER VIRUS

Art Unit : 1645  
Examiner : Unknown

Commissioner for Patents  
Washington, D.C. 20231

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The following correspondence relating to this application is enclosed:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of References (27); and
4. A Return Postcard.

Please date stamp and mail the enclosed postcard.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: December 12, 2001

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Trisha J. Anderson

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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office Action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07039-247001	Application No. 09/945,203
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		JAN 03 2002 U.S. PATENT AND TRADEMARK OFFICE		Applicant Mark Espy et al.	JAN 04 2002 TECH CENTER 1600/2900
				Filing Date August 31, 2001	Group Art Unit 1645

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AS	Kimura et al., "Recombinant Varicella-Zoster Virus Glycoproteins E and I: Immunologic Responses and Clearance of Virus in a Guinea Pig Model of Chronic Uveitis," <u>J. Infect. Dis.</u> , 1998, 178:310-317
	AT	Kimura et al., "Comparison of Quantitations of Viral Load in Varicella and Zoster," <u>J. Clin. Microbiol.</u> , 2000, 38(6):2447-2449
	AU	Loparev et al., "Improved Identification and Differentiation of Varicella-Zoster Virus (VZV) Wild-Type Strains and an Attenuated Varicella Vaccine Strain Using a VZV Open Reading Frame 62-Based PCR," <u>J. Clin. Microbiol.</u> , 2000, 38(9):3156-3160
	AV	McCarter and Ratkiewicz, "Comparison of Virus Culture and Direct Immunofluorescent Staining of Cytocentrifuged Virus Transport Medium for Detection of Varicella-Zoster Virus in Skin Lesions," <u>Am. J. Clin. Pathol.</u> , 1998, 109:631-633
	AW	Pitkäranta et al., "Detection of Human Herpesvirus 6 and Varicella-Zoster Virus in Tear Fluid of Patients with Bell's Palsy by PCR," <u>J. Clin. Microbiol.</u> , 2000, 38(7):2753-2755
	AX	Sauerbrei et al., "Laboratory diagnosis of herpes zoster," <u>J. Clin. Virol.</u> , 1999, 14:31-36
	AY	Schirm et al., "Rapid Detection of Varicella-Zoster Virus in Clinical Specimens Using Monoclonal Antibodies on Shell Vials and Smears," <u>J. Med. Virol.</u> , 1989, 28:1-6
	AZ	van Gelderen et al., "Detection of herpes simplex virus type 1, 2 and varicella zoster virus DNA in recipient corneal buttons," <u>Br. J. Ophthalmol.</u> , 2000, 84:1238-1243
	AAA	Yamamoto and Nakamura, "A single tube PCR assay for simultaneous amplification of HSV-1/-2, VZV, CMV, HHV-6A/-6B, and EBV DNAs in cerebrospinal fluid from patients with virus-related neurological diseases," <u>J. NeuroVirol.</u> , 2000, 6:410-417

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Applicant Mark Espy et al.	Filing Date August 31, 2001	Group Art Unit 1645

Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,683,195	07/28/87	Mullis et al.			
	AB	4,683,202	07/28/87	Mullis			
	AC	4,800,159	01/24/89	Mullis et al.			
	AD	4,965,188	10/23/90	Mullis et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AE	7-199	01/06/95	Japan			Abstr.
	AF	WO 97/46707	12/11/97	PCT			
	AG	WO 97/46712	12/11/97	PCT			
	AH	WO 97/46714	12/11/97	PCT			

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	AI	GenBank Accession No. M14891					
	AJ	GenBank Accession No. M16612					
	AK	GenBank Accession No. X04370					
	AL	Bouquillon et al., "Simultaneous Detection of 6 Human Herpesviruses in Cerebrospinal Fluid and Aqueous Fluid by a Single PCR Using Stair Primers," <i>J. Med. Virol.</i> , 2000, 62:349-353					
	AM	Brinker and Doern, "Comparison of MRC-5 and A-549 Cells in Conventional Culture Tubes and Shell Vial Assays for the Detection of Varicella-Zoster Virus," <i>Diagn. Microbiol. Infect. Dis.</i> , 1993, 17:75-77					
	AN	Coffin and Hodinka, "Utility of Direct Immunofluorescence and Virus Culture for Detection of Varicella-Zoster Virus in Skin Lesions," <i>J. Clin. Microbiol.</i> , 1995, 33(10):2792-2795					
	AO	Cowl et al., "Varicella-Zoster Virus Detection by Polymerase Chain Reaction Using Bronchoalveolar Lavage Specimens," <i>Am. J. Respir. Crit. Care Med.</i> , 2000, 161:753-754					
	AP	de Jong et al., "Quantitation of Varicella-Zoster Virus DNA in Whole Blood, Plasma, and Serum by PCR and Electrochemiluminescence," <i>J. Clin. Microbiol.</i> , 2000, 38(7):2568-2573					
	AQ	Espy et al., "Diagnosis of Herpes Simplex Virus Infections in the Clinical Laboratory by LightCycler PCR," <i>J. Clin. Microbiol.</i> , 2000, 38(2):795-799					
	AR	Espy et al., "Diagnosis of Varicella-Zoster Virus Infections in the Clinical Laboratory by LightCycler PCR," <i>J. Clin. Microbiol.</i> , 2000, 38(9):3187-3189					

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